

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): A method for measuring frequency characteristics of a direct current acceleration sensor, comprising:

supporting a metal rod (1) with a center axis thereof aligned with a direction of gravity acceleration,

impacting one of end surfaces (2) of the metal rod with a projectile (3) to generate and propagate an elastic wave pulse in the metal rod,

using a direct current acceleration sensor (23) provided on the other of the end surfaces (22) of the metal rod to detect an acceleration arising when the elastic wave pulse reflects at the other end surface of the metal rod,

using a strain gauge (25) provided on a side surface of the metal rod to measure metal rod strain caused by the impact of the projectile against the other end surface of the metal rod, and

obtaining a frequency response of the direct current acceleration sensor from a signal from the direct current acceleration sensor and a signal from the strain gauge.

Claims 2-34 (Canceled).